

KILAUEA SHOWS SIGNS OF ERUPTION.

Will history repeat itself with relation to the recent disappearance of smoke and steam from Kilauea volcano and an eruption with a flow of lava ensue? A minute study of the eruptions in former years indicate that whenever smoke and steam have failed to issue from the deep chasm of Halemaumau, it portends an outbreak. The unusual number of earthquakes which have recently been felt in Kau district on the island of Hawaii as well as in Honolulu, the last shock being felt here less than a week ago, brings to mind similar occurrences in Kilauea in former times.

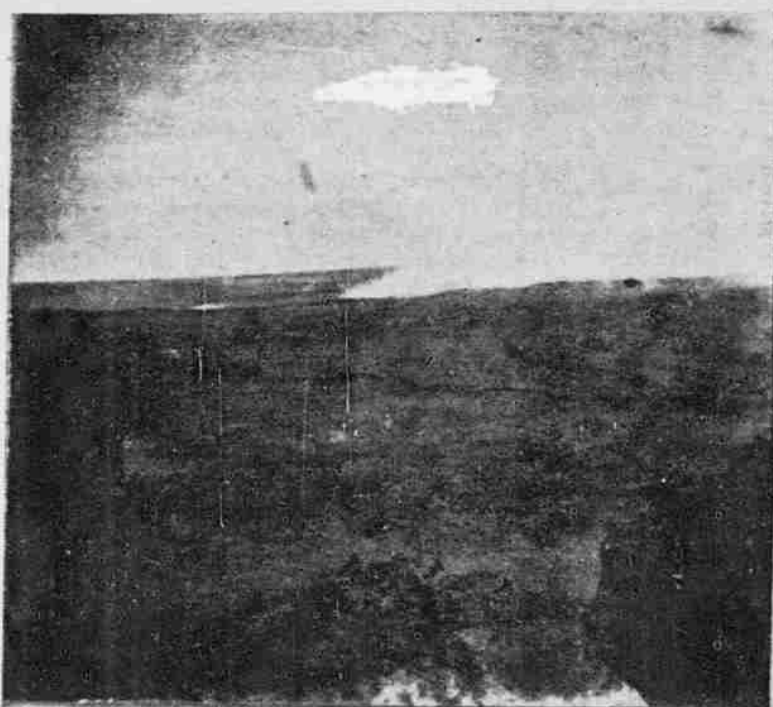
Rev. W. D. Westervelt, who has just returned from a visit to Kilauea, studied the crater day after day, taking a large number of photographs in which are portrayed dense volumes of smoke rising from the pit. Other photographs taken a few days later show no signs of smoke, although Mr. Westervelt says that occasional puffs of steam rise from some of the cracks. As far as he could peer down into the pit there was to be seen only the jiggling, tremulous movement of hot air.

From a drawing made of the crater in its present form it has now assumed the appearance of a funnel the small end downward, with shelves opening toward the interior just below the rim.

In the year 1840 Hillebrand makes the first mention of the disappearance of smoke and shortly after this was noticed there was an eruption, and a flow of lava travelled over Puna to the sea. On April 18, 1868, the smoke disappeared and shortly afterward there was an underground flow of lava which came out near Kahuku, Kau. Again in 1880 the same thing occurred and a flow of lava started off which threatened to invade the town of Hilo. Fire disappeared from the bottomless pit for a week or more. Another similar occurrence took place in 1886, followed by earthquakes and an underground flow of lava. In 1891 after a disappearance of fire and smoke the crater became exceedingly active. Just where the flow of lava went or by what means it freed itself is not known, but it is supposed to have taken an underground route to the sea. In 1893 the pit filled up, no smoke was to be seen, and an eruption followed. In 1894 the lake sank and no smoke was visible. Most of the disappearances of smoke have been brought to the attention of observers in the months of April, May, June and July.

A writer describing the appearance of Kilauea in 1868 says: "We made a circuit of the crater and found not a trace of liquid lava. The vast cliffs, rising in beetling sternness, gave the

SMOKE ISSUING FROM KILAUEA.



CRATER DEVOID OF SMOKE.



CAVE FROM WHICH LAVA FLOWED INTO PUNA.

place an appearance of frightful desolation. Steam could be seen rising from most parts of the crater and mineral gases were perceptible."

Rev. Mr. Westervelt states that this is about the present condition of Kilauea. Occasionally little puffs of smoke are seen coming from the sides and from the floor of the crater there is a wavy motion of hot air.

CHAMBERLAIN'S Colic, Cholera and Diarrhoea Remedy is everywhere acknowledged to be the most successful medicine in use for bowel complaints. It always cures and cures quickly. It can be depended upon even in the most severe and dangerous cases of cholera morbus, dysentery and diarrhoea. It should be taken at the first unusual looseness of the bowels. Sold by all dealers. Benson, Smith & Co., Ltd., agents for Hawaii.

ANOTHER VIEW OF THE PIT.

POLISH NOBLEMAN'S VISIT TO KILAUEA 66 YEARS AGO

With the old spelling of "Kilauea," the Spectator, a Honolulu magazine of 1838 "conducted by an association of gentlemen," has the following account of a visit to the Volcano of Count Strzelecki, a Polish nobleman:

My Dear Sir,
Your kind request to supply the valuable publication of the Spectator, with an account of my visit to the Volcano of Kilauea on Hawaii, both pains and flatters me; for I regret much that my limited stay here, the daily current and accumulating objects of new and interesting inquiries render any circumstantial description of it really impossible to me. A few facts, and fewer observations which a hasty and rough sketch brings forth, is all I am able for the moment to supply you with. I cannot even attempt to give you the slightest idea of the impressions which the awful sublimity of the volcano produced upon my imagination; that part of our being does not yield as easily as memory—it does not reproduce sensations; the rapture—the enthusiasm once gone by, is lost forever.

What I remember, and long shall recollect, as showing the mighty influence of mighty objects upon me, are the difficulties I had to struggle with, before my eye could be torn away from the idle, vacant but ecstatic gazing with which I regarded the great Whole, down to the analytical part of the wondrous and unparalleled scene before me; I say unparalleled, because having visited most of the European and American volcanoes, I find the greatest of them inferior to Kilauea crater in intensity, grandeur, and extent of area.

The abrupt and precipitous cliff which forms the N. N. E. wall of the crater, found, after my repeated observations, to be elevated 4,104 feet above the level of the sea—overhangs an area of 3,150,000 square yards of half-cooled scoria, sunk to the depth of 500 yards, and containing more than 328,000 square yards of convulsed torrents of earth in igneous fusion, and gaseous fluids constantly effervescing—boiling—spouting—rolling in all directions like waves of a disturbed sea, violently beating the edge of the caldrons like an infuriated surf, and like surf spreading all around its spray in the form of capillary glass which fills the air, and adheres in a flaky and pendulous form to the distorted and broken masses of the lava all around; five caldrons each of about 5,700 square yards, almost at the level of the great area, and containing only the twelfth part of the red liquid; the sixth caldron is encircled by a wall of accumulated scoria of fifty yards high, forming the S. S. W. point—the Hale mau mau of the natives to which the bones of the former high chiefs were consigned—the sacrifices to the goddess Pele offered—the abysses, the caldron of caldrons—exhibiting the most frightful area of about 300,000 square yards, bubbling red hot lava—changing incessantly its level—sometimes rolling the long curled waves with broken masses of cooled crust to one side of the horrible laboratory—sometimes, as if they had made a mistake, turning them back with spouting fury, and a subterranean, terrific noise of a sound more infernal than earthly; around are blocks of lava, scoria, slugs of every description and combination, here elevated, by the endless number of superimposed layers, in perpendicular walls of 1000 feet high—there torn asunder, dispersed, cracked, or remoulded—everywhere terror, convulsion—mighty engine of nature—and nothingness of man!

No where does the solution of the great problem of volcanic fires by Sir

Humphrey Davy, receive a more palpable illustration than here; the access of the water to the ignited masses of these minerals of alkaline and earthy bases, by which that great philosopher explained the convulsions of volcanic fires, is displayed here in most portentous, most awful effects. It is only to those millions of vents all around the crater, through which the superabundance of steam escapes—to the millions of fissures through which the sulphurous and sulphuric acids liberate themselves from beneath, that the preservation of Hawaii from utter destruction, by the expansive force of steam and gasses, can be ascribed.

The nature of the volcano, with its uncommonly intense heat, and so many wide and easy openings, is, to eject nothing without alteration, and to subsume every variety of substance which the concomitants of the volcanic fires embrace. Thus; here is the rare volcanic glass in capillary forms, and many perfect vitrifications; the muriate of ammonia in efflorescence, often conchoidal, often in elongated hexahedrons—and in one single instance, even in that rare form of a cubic crystal; thus, the sulphuret of arsenic, both as regular and ornamental; the sulphur itself in most beautiful incrustations, crystallized in cubic or truncated octahedrons; the petro aluminaris of Solfa, (Italy,) or alkaline sulphate of alumine, imbedded sometimes in crevices of lava, sometimes in argillaceous earth; thus, the singular and rare cavernous lava, known hitherto to exist only in Iceland—its large tumefactions in blisters and bubbles, from a crust of the finest glass to an arch of four feet thick, forming caverns through which the superabundance of lava in the crater discharges itself, as through subterranean tunnels, in all directions of the island.

A prolific imagination can find here a vast field for fanciful speculation on the origin, duration and probable or possible results of the continued operations of this frightful and gigantic volcano. Science will never tire in the study of Nature; but, alas! beyond what she sees, and what strict inductive forms allow her to conclude, she must stop—admire—baw and repeat. Sapientia hujus mundi stultitia est.

With the greatest respect and consideration,
Believe me, my Dear Sir,
Your most obedient servant,
PAUL EDMUND DE STRZELECKI,
To the Rev. J. Diell, Honolulu.

The proper food for baby is the well known Taroena Food, the use of which has restored so many puny babies to robust health. Sold by Hobron Drug Co., Ehlers' block.

THE NEW FRENCH REMEDY. THERAPION This successful remedy, used in the Continental Hospitals by Rostan, Jobert, Velpeau, and others, combines all the desiderata to be sought in a medicine of the kind and surpasses everything hitherto employed. THERAPION No. 1 maintains its world-renowned and well-merited reputation for derangement of the kidneys, pains in the back, and blooded ailments, affording prompt relief where other well-tried remedies have been powerless. THERAPION No. 2 for impurity of the blood, scurvy, pimples, spots, blotches, pains and swelling of joints, gout, rheumatism, & all diseases for which it has been too much a fashion to employ mercury, arsenic, &c., to the destruction of suffering teeth and ruin of health. This preparation purifies the whole system through the blood, and thoroughly eliminates all poisonous matter from the body. THERAPION No. 3 for exhaustion, sleeplessness, and all distressing consequences of dissipation, worry, overwork, &c. It possesses surprising power in restoring strength and vigor to those suffering from the operating influences of long residence in hot, unhealthy climates. THERAPION is sold by the principal Chemists and Druggists throughout the world. Price in England, 2s. 6d. and 4s. 6d. In order to state which of the three numbers is required, and observe that the word "THERAPION" appears on the British Government Stamp (in white letters on a red ground) affixed to every genuine package by order of His Majesty's Hon. Commissioners, and without which it is a forgery.

Handsome New Laces



A pretty assortment has just arrived including the now reigning favorite Valenciennes, Stylish Cluny, Oriental, Silk and Torchon Laces.

Lace and Embroidery Medallions All-Over Laces, Galoons, Corset Cover Embroidery, etc.

SPECIAL:

Torchon Laces from 1-2 inch to 3 1-2 inches in width at 5c a yard.

A. Blom,
PROGRESS BLOCK.

W. M. CAMPBELL

REAL ESTATE TO SELL. WANTED. **REAL ESTATE** EXCHANGED.

Before investing call at my office

1634 YOUNG STREET, o o o o NEAR PUNAHOU.

IT IS POPULAR SO IT CONTINUES

We refer to our rug sale which is now on. Many satisfied purchasers are the result of last week's liberal discount and we expect even a greater number this week. All rugs greatly reduced in price.

One whole store devoted to the Sale.

JAPANESE COTTON RUGS

in pretty blue and white designs

CHINESE MATTING RUGS

Both plain and twisted patterns.

MATTINGS OF ALL KINDS

These come under the cut prices also.

LEWERS & COOKE, Ltd.

177 South King Street.

Six Prize Stories

FROM THE LITERARY BRANCH OF

The KILOHANA ART LEAGUE

A neat and interesting souvenir of Hawaii, neatly gotten up and handsomely bound.

The stories are ALL HAWAIIAN, having a distinct Island flavor and apart from its value as a souvenir the book is an interesting one.

FOR SALE BY

The Hawaiian Gazette Co.

PRICE 25 CENTS.

POSTAGE 10 CENTS EXTRA.

Good Printing

Always

A Profitable Investment

For the Best, go to

The Hawaiian Gazette Co. Limited

Art Printing and Engraving

65 S. King St.

Tel. Main 661

It never fails the cook, therefore, The cook should never fail to use

GOLDEN GATE FLOUR

It has been the standard of quality for over a quarter of a century in Honolulu and elsewhere.

SOLD BY ALL RELIABLE GROCERS.

H. HACKFELD & CO., LTD.
WHOLESALESA.

READ THE ADVERTISER